

Date: Tue, 4 Oct 94 04:30:32 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: List  
Subject: Ham-Equip Digest V94 #357  
To: Ham-Equip

Ham-Equip Digest                      Tue, 4 Oct 94                      Volume 94 : Issue 357

Today's Topics:

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azden  
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SSTV HAS BEEN SOLD  
WTB: UHF range ][ Syntor  
Yaesu FT-530 for sale  
Yaesu FT-727R Evaluation

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 3 Oct 1994 09:23:15 -0400  
From: jotterso@sct.edu (Jeffrey Otterson)  
Subject: 74188A's for Atlas210

Hi,

74188s are PROMS, so as well as new parts, you will need to program them with the original data. These are the same as 82S23 or 82s123, I can't remember which. But they are 32 x 8 bit proms with open collector outputs. They are getting harder to find, since Digi-key discontinued them. I think I saw some in a recent Hostfeldt Electronics catalog for about \$4... You will need to find somebody with a programmer that can program these antique parts.

Good Luck.

Jeff.

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Date: 4 Oct 94 02:31:00 GMT  
From: 0006135537@mcimail.COM (Richard Hallman)  
Subject: 765 Time outs...

Glad somebody has confirmed what I have also saw this weekend.  
CT 9.02 has no problems from what I can see.....After 9.02  
I noticed CT being slow and also getting 765 time out error messages.  
I did not report this before due to my 765 being at Icom...By the way,  
Icom charged me \$105, 1 month to look at it...and it still has the same  
problem!!!

Not sure what happend after 9.02, But seems like Alot of stuff is not  
working now....ie DVP and CTY/BIN paths, 765 time-outs.....

Rich KI3V

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Date: Mon, 03 Oct 1994 15:38:28 -0500  
From: johnp@ipctech.com (John Pendergraft)  
Subject: Alpha output

I had the Alpha 78, 3 8874's and ran it 220v. I was hitting it with a 100w solid state radio, so the actual drive power was less than 100w I would imagine. Anyway, output on 75 & 160 meters was about 1800-2000 watts PEP and less on the upper bands as read on an inexpensive Yaesu power meter. I did run it on 110 for a short period and got similar performance but had to put up with the lights dimming pretty bad. If I were you, I would get a 220 volt line installed. Dont worry squeezing every possible amount of power from it as it is not going to matter on the other end anyway. Also read your manual and watch that you keep the grid current well below the max. as those tubes run between \$275-\$400 new

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Date: 3 Oct 1994 13:49:27 GMT  
From: barenj@marcus.its.rpi.edu (John Barenys KE4IBF)  
Subject: azden

Hi all.

I have recently aquired (ham fest) a used Azden mobile 2m radio and am in need of getting in touch with Azden itself to see if I can not get a copy of the manual and a copy of the schematic for it.

Could some one please mail me the address for Azden.

Thanks.

73's de KE4IBF

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JOHN J. BARENYS -- KE4IBF -- barenj@rpi.edu  
Senior Electrical Enginnering student at Rensselaer Polytechnic Institute  
1001 Hunt I, RPI, Troy, NY, 12180-3590 -- (518) 276-4555  
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Date: 3 Oct 1994 18:52:02 GMT  
From: paulc@fc.hp.com (Paul Christofanelli)  
Subject: DTMF Squelch on FT530

The DTMF squelch problem is a known bug. Mine does the same thing (bought January 1993). I don't know how old yours is; perhaps they've fixed this in later models.

-Paul C. KG0CZ

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Date: 3 Oct 94 09:23:46 -0500  
From: 00wmsmith@bsuvc.bsu.edu (Ball State University)  
Subject: FS: Kenwood TR 2400 2m HT

I have a Kenwood TR 2400 2 meter HT for sale - \$140 + shipping. Price includes HT, manual, and box.

Bill Smith  
N9MBB

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Date: 3 Oct 1994 15:04:54 GMT  
From: pelt@vt.edu (Ranson J. Pelt)  
Subject: FS: LA 1000 Amp

Amp Supply LA 1000. It is called a portable amplifier. Its 5x9.75x11. It covers 80-15 and uses four 6MJ6's. KW ssb and 750 cw input. Black in color with white lettering and runs off 110 ac. With QSK. Excellent condition both electrically and comestically. \$250 + .5 UPS

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Ranson Pelt  
pelt@vt.edu  
QST de nz4i

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Date: Mon, 3 Oct 1994 18:57:11 GMT  
From: phb@syseng1.melpar.esys.com (Paul H. Bock)  
Subject: FT-290R Mk II FOR SALE

FOR SALE: Yaesu FT-290R Mk II 2-meter SSB/CW/FM multimode, 25 w. output. Absolutely mint, new condition. \$500.00 brings it to your door. Very nice compact radio, but I prefer a HF rig & transverter setup.

(|\_|) Paul H. Bock, Jr. K4MSG      Internet: pbock@melpar.esys.com  
| |) Telephone: (703) 560-5000 x2062 (work)  
                  (703) 882-4745            (home)

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Date: Mon, 3 Oct 1994 10:01:30  
From: thooker@ps1.nmsu.edu (Tracy Hooker)  
Subject: FT-530 VOX / mic compatibility

I have a friend who has an FT-530, and one of those Genesis throat mics. It will not operate on VOX. The 530 manual states that the Yaesu mic will work with VOX.

Does anyone know what the Yaesu mic schematic is, or why it works on VOX and other mic's dont?

Thanks,

Tracy

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Date: Mon, 3 Oct 1994 14:31:53 GMT  
From: zlau@arrl.org (Zack Lau (KH6CP))  
Subject: HTX-202 add-ons

brettb@cruzio.com KC6UPU wrote:

: I have an HTX-202 and before I go out and buy a lot of more  
: expensive equipment, I'd like to optimize my use of this  
: dependable little HT...

: Specifically, I ordered the catalogue from Down East Microwave earlier  
: today... can I use any of their transverters with this unit? How  
: about a GaasFet pre-amp? What's the best way to go for packet?

HT's rarely benefit from a GaAs FET preamplifier, unless your have  
a long run of cable between the antenna and the radio (100 ft). In  
this case, a mast mounted preamplifier may help.

There are two difficulties in using a transverter.

With many systems, it is necessary to switch between transmit  
and receive. You may have to modify the HF to provide such a  
signal, though RF sensing is possible (I don't recommend it,  
since you typically have to clip off some of the transmission  
to accomplish it). I don't think anyone sells a box that senses  
RF and tells transverters to switch. Some HTs, like the Icom  
2AT, actually put a DC signal on the antenna connector for  
switching amplifiers that can be used to switch transverters.

The second is having sufficient activity to make the effort worthwhile.  
Much of the microwave activity is on SSB/CW, which is a rather difficult  
to make compatible with an FM transceiver. Some people, including myself,  
can usually switch to FM if asked, but there are some who can't.

But, there are some places with regular microwave FM activity--ask  
the people in your area. Or, get a couple of friends to generate some.

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Zack Lau KH6CP/1                    2 way QRP WAS  
                                    8 States on 10 GHz  
Internet: zlau@arrl.org       10 grids on 2304 MHz

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Date: 3 Oct 1994 20:24:06 GMT  
From: kleite@gtec3.ndhm.gtegsc.com (Keith J Leite)  
Subject: Info on Yaesu NC-37 Quick Charger ?

Hi,

And thanks for reading my post, I recently purchased a NC37 quick charger this past weekend at the Boxboro Hamfest. The unit came without any manual, I am wondering if someone could tell me a little bit about the unit such as max. charge time and also what does it mean when it is trickle charging ?. Is it safe to leave the battery in the charger when it is trickle charging?.

I don't want to damage the nicad's, any help would be great!

Thanks de Keith aa1jf

kleite@gtec3.ndhm.gtegsc.com

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Date: Mon, 3 Oct 1994 14:38:51 +0000  
From: tgold@microvst.demon.co.uk ("Anthony R. Gold")  
Subject: KAM Problem with writing to EEPROM - Any Help?

Not that I wish to make you feel the slightest bit unwelcome, but I suggest that you would be better off to try this other newsgroup:

rec.radio.amateur.digital.misc

The folks who haunt that group are sure to know more than we, who are probably relatively lacking in their specialized knowledge. I am given to understand that this group is the replacement for and successor to the previous packet newsgroup.

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Tony, G3SKR & AA2PM

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Date: Mon, 3 Oct 1994 14:06:18 GMT  
From: hpaik@silver.sdsmt.edu (H. Paik)  
Subject: Max output power of Alpha ?

I have Alpha 76PA (3 x 8874). I am using 110VAC.  
I can have around 1300W continuous carrier power output.  
I may be able to get some more output, but my circuit breaker is going off or 76PA's fuse is blown.  
One guy told me he could put out way more than 1500W on his Alpha

374 (3 x 8874). Another guy said the similiar thing.  
Max current on 8874 is 350mA. Max plate voltage is around 2000V.  
(When mine puts out max, total plate curent is around 1000mA and plate  
voltage is just above 2000V).

My qustion is what is the maxmum power you can get from Aplha ?

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Date: Mon, 3 Oct 1994 17:21:40 GMT  
From: drx@chinet.chinet.com (Scott Whittle)  
Subject: Moto MaxTrac

Anyone care to foward the info for programming the UHF Motorola MaxTrac  
radio? ANY help would be appreciated!!!  
thanks,  
s.

--  
Scott Whittle (drx) drx@chinet.chinet.com  
"Ding-a-ding-dang my Dang-a-long-ling-long" Ministry-Jesus built my Hotrod  
"Things are rarely what they appear to be." I don't know. But it's true  
"Everyone has an agenda!" Me

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Date: Mon, 3 Oct 1994 14:30:48 GMT  
From: uid@ornl.gov  
Subject: Motorola Sabre help

In article <35s53r\$m91@athos.cc.bellcore.com> hw@oscar.bellcore.com (Harold  
Winard) writes:

>Path: stc06.CTD.ORNL.GOV!cs.utk.edu!gatech!swrinde!cs.utexas.edu!uunet!  
athos.cc.bellcore.com!oscar!hw  
>From: hw@oscar.bellcore.com (Harold Winard)  
>Newsgroups: rec.radio.amateur.equipment  
>Subject: Motorola Sabre help  
>Date: 22 Sep 1994 14:42:03 GMT  
>Organization: Bellcore  
>Lines: 10  
>Sender: hw@oscar (Harold Winard)  
>Distribution: world  
>Message-ID: <35s53r\$m91@athos.cc.bellcore.com>  
>NNTP-Posting-Host: oscar.bellcore.com  
>Keywords: Motorola Sabre

>Can anyone help me with a brief description

>of how to enter and change frequencies in a  
>Motorola Sabre mobile transceiver? I found  
>a service manual for the radio but it doesn't  
>explain how to program the unit.

>73,

>Harold  
>KB2M

IT TAKES A COMPUTER WITH THEIR PROGRAM, INTERFACE, AND RADIO CONNECTOR.

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Date: 3 Oct 1994 15:20:56 GMT  
From: jeff@sec.sel.sony.com (Jeff Kashinsky)  
Subject: SBE SB-450 TRC Info Needed

I just picked up a SBE SB-450 TRC. It seems to be a 2 meter to 450MHz  
transverter. It was imported from Japan by Linear Systems Inc. in  
Watsonville, CA.

The only thing missing was the crystal. I need to know the local oscillator  
frequency. Any other information would be helpful. Operations manual and or  
schematics would be appreciated.

Thanks,

Jeff

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Jeff WU2A/6  
reply to: jeff@sec.sel.sony.com  
phone: (408) 955-4116

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Date: 3 Oct 1994 16:35:03 GMT  
From: folson@prairienet.org (Fran Olson)  
Subject: SSTV HAS BEEN SOLD

Thanks for everyone who replied. The Robot Slow Scan has been  
sold.

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Fran Olson (WB9ULS) email:folson@prairienet.org  
P.O. Box 1122



Champaign, Il. 61824-1122  
U.S.A.

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Date: Mon, 03 Oct 1994 10:08:44 pdt  
From: dodeca!clyde@ucrmath.ucr.edu ("Clyde R. Visser, KD6GWN")  
Subject: WTB: UHF range ][ Syntor

Want To Buy:

UHF range ][ Syntor. Please contact me at cvisser@ucrmath.ucr.edu .

civ

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Date: Mon, 3 Oct 1994 17:10:36 GMT  
From: tns@netcom.com (TNS)  
Subject: Yaesu FT-530 for sale

I have for sale a Yaesu FT-530 allready moded to receive 800 mgz, and to broadcast on the police band. I have 2 batteries, power supply and Yaesu VOX head set. This radio is only about 6 months old and in excellent condition. Also comes with leather case, orginal box, instructions, and baterry charger.

Asking: \$550.00

Anyone who is interested in this radio leave mail to tns@netcom.com.

Thanks,  
ben  
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\*\*\*\*\*  
\* tns@netcom.com (Benjamin) - A good liar, needs to have an \*  
\* excellent memory. \*  
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Date: 3 Oct 1994 14:22:44 GMT  
From: little@iamu.chi.dec.com (Todd Little)  
Subject: Yaesu FT-727R Evaluation

In article <jdow.781156194@BIX.com>, jdow@BIX.com (jdow on BIX) writes:  
|>ccdave@amber.indstate.edu (David Pifer) writes:

|>  
|>>Does any one have or has had a Yaesu FT-727R HT and what is you opinion  
|>>about it? This is the Model A and it does not have the CTCSS module.

|>It is marginally better than dung, IMHO. It suffers from incredible intermod  
|>problems. The tuning adjustments inside are not staked so from time to time

Well each to their own. I've found the opposite with respect to intermod.  
I can use mine in the car with an external antenna and travel past some of  
the better known intermod generating paging towers without a hint of intermod.

As the tuning adjustments, etc., I can't say. The antenna connector is a  
bit of a problem (as is finding a replacement one as it is the less commonly  
found rear panel mount BNC.)

Also keep in mind though that the radio is a few years old and lacks all the  
bells and whistles of current day rigs such as memory dialing and DTMF  
paging for those that like to use their HT as a car phone. ;-) Also  
its out of band receive capabilities are rather limited compared to many  
of the DC to daylight receivers found these days (perhaps why I believe they  
exhibit less intermod contrary to David's experiences.)

Just my 2 cents worth.

73,  
Todd  
N9MWB

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End of Ham-Equip Digest V94 #357  
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